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PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 7

Application Number	09/436,368	OCT 20 2003
Filing Date	Nov 8, 1999	
First Named Inventor	CRATER	
Art Unit	27112154	Technology Center 2600
Examiner Name		
Attorney Docket Number	CTC-2	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
VV		US- 5990884	11/99	Douma	
		US- 6370550	4/02	Douma	
		US- 6453210	9/02	Belatosekovskiy	
		US- 6321272	11/01	Swales	
		US- 6370569	4/02	Austin	
		US- 6311101	10/01	Kastner	
		US- 6134552	10/00	Fritz	
		US- 5790977	8/98	Ezekiel	
		US- 6061603	5/9/00	Papadopoulos	
		US- 6061721	5/00	Ismael	
		US- 6201996	3/01	Crater	
		US- 4669040	5/87	Pettit	
		US- 5684375	11/97	Chaffe	
		US- 6424872	7/02	Glanzer	
		US- 6370569	4/02	Austin	
		US- 6505341	1/03	Harris	
		US- 5162982	11/92	Graber	
		US- 6434157	8/13/02	Dube	
		US- 6327511	12/4/01	Naismith	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
VV		Country Code ² -Number ³ -Kind Code ⁴ (if known) WO 96 31047A	10-03-1996	Ramesh		
VV		WO 97 07486A	02-27-1997	Boehringer		

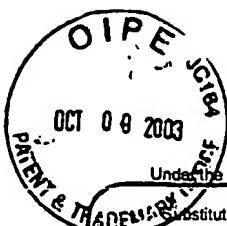
Examiner Signature *V. Vn*

Date Considered *2-4-05*

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		Number-Kind Code ² (if known)			
vv	US- 6233626		05-15-01	Swales	
vv	US- 6151625		11-21-00	Swales	
vv	US- 2002/0176441A1		11-28-02	Swales	
vv	US- 6466995		10-15-02	Swales	
vv	US- 6282454		08-28-01	Papadopoulos	
vv	US- 6484061		11-19-02	Papadopoulos	
vv	US- 5801689		09-01-98	Huntsman	
vv	US- 4918690		04-17-90	Markkula	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				

Examiner Signature

V. Vw

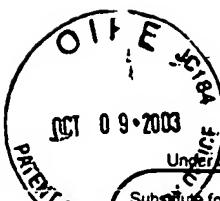
Date Considered

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Application Number	09/436,368	OCT 20 2003
Filing Date	Nov 8, 1999	
First Named Inventor	CRATER	Technology Center 2600
Art Unit	2711	
Examiner Name		

Attorney Docket Number

CTC-2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓✓	93	KAO, James T; "Remote Microscope for Inspection of Integrated Circuits"; MIT Masters Thesis; September 1995.	✓
	58	"From Web Server to Railroad Layout", from web page http://rr-vs.informatik.uni-ulm.de/rr/LayoutControl.html .	✓
	58	"News Interactive Model Railroad", from web page http://rr-vs.informatik.uni-ulm.de/rr/WhatsNew.html .	✓
	58	"Frequently Asked Questions", from web page http://rr-vs.informatik.uni-ulm.de/rr/FAQ.html .	✓
	59	PUTNAM, Frederick A; "Internet-Based Data Aquisition and Control"; Sensors; November 1999.	✓
	62	FUHR, Peter L and Evan F MOWAT; "Remote Interrogation and Control of Sensors via the Internet"; Sensors; December 1995.	✓
	56	STAFFORD-FRASER, Quentin; "The Story of the Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qsf/timeline.html .	✓
	55	STAFFORD-FRASER, Quentin; "The Trojan Room Coffee Pot"; from web page http://www.cl.cam.ac.uk/coffee/qsf/coffee.html .	✓
	53	"The Trojan Room Coffee Machine"; from web page http://www.cl.cam.ac.uk/coffee/coffee.html .	✓
↓	49	"Disk Drive with Embedded Hyper-Text Markup Language Server"; IBM Technical Disclosure Bulletin; Dec 1995.	✓

Examiner Signature	V. V.	Date Considered	2-4-05
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Substitute for form 1449/PTO				Complete If Known	
				Application Number	09/436,368
				Filing Date	Nov 8, 1999
				First Named Inventor	CRATER
				Art Unit	2711
				Examiner Name	
Sheet	4	of	7	Attorney Docket Number	CTC-2

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
VV	48	"aX announces Support for Opto 22 Ethernet B3000 Devices"; from web page at http://www.mnrcan.com/newsdetail.phtml?idno=25 .			
	48	"aX Process Control"; from web page at http://www.mnrcan.com/ProcessControl.phtml .			
	50	"About LabCam"; from web page at http://people.cs.uchicago.edu/~peterp/LabCam/aboutLabCam.html .			
	51	"Bibliography"; from web page at http://www-2.csc.cmu.edu/Groups/xavier/www/papers.html .			
	54	STAFFORD-FRASER, Quentin; "Life and Times of the First Web Cam"; from web page http://www.cl.cam.ac.uk/coffee/qsf/cacm200107.html .			
	60	"EDN Access; Test&Measurement; from web page http://archives.e-insite.net/archives/ednmag/reg/1996/060696/12prod4.htm .			
	65	Misc web pages and documents from http://www.labtech.com .			
	67	GOLDBERG, Ken et al; "Beyond the Web: Excavating the Real Wrold Via Mosaic; web page at http://www.ncsa.uiuc.edu/SDG/IT9...goldberg.html .			
	68	GOLDBERG, Ken et al; "Desktop Teleoperation via the World Wide Web"; IEEE International Conference on Robotics and Automation; 1995.			
↓	71	SOREIDA NN et al; "Mosaic access to real-time data from the TOGA-TAO array of moored buoys" Computer Networks and ISDN Systems; Dec 1995.			

Examiner Signature	V- <i>vn</i>	Date Considered	2-4-05
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vv	74	SCHARF Ronald et al; "Using Mosaic for Remote Test System Control Supports Distributed Engineering"; Institute of Computer Aided Circuit Design.	✓
	76	PERYT, M and F. MOMAL; "Generic Repository and Search Engine for LHC Equipment Test Data"; Intl Conf on Accelerator; 1999.	✓
	77	MOMAL F et al; "A Control System based on Industrial Components for Measuring..."; web page at http://mish231.cern.ch/Docs/CSbIC.htm .	✓
	79	Web page at http://www.awe.com/mark/wwwf94/coxfig3.gif .	✓
	80	"Bradford Robotic Telescope - Intro", web page at http://www.telescope.org/rti/intro.html .	✓
	81	COX, Mark and John BARUCH; "Robotic Telescopes: An Interactive Exhibit on the World Wide Web"; web page at http://www.awe.com/mark/wwwf94/wwwf94.html .	✓
	84	"Welcome to Paul Hass's web server"; web page at http://www.hamjudo.com .	✓
	85	"Status of Paul's (Extra) Refrigerator"; web page at http://www.hamjudo.com/cgi-bin/refrigerator	✓
	86	"Soda Can platform"; web page at http://www.hamjudo.com/notes/soda_platform.html .	✓
↓	87	"CD-ROM's in the Microwave"; web page at http://www.hamjudo.com/notes/cdrom.html	✓

Examiner Signature	V. Vu	Date Considered	2-4-05
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VV	88	"Tub status"; web page at http://hamjudo.com/cgi-bin/hottub .	✓
	89	"Frequently asked questions about Paul's hottub."; web page at http://hamjudo.com/hottub_notes.html .	✓
	91	"RoboRodentia II"; web page at http://www.elee.calpoly.edu/clubs/cs/www/RoboContest .	✓
	92	"The "Only" Coke Machine on the Internet"; web page at http://www.cs.cmu.edu/~coke/history_long.txt .	✓
	50	"Xavier has a new job"; web page at http://www-2.cs.cmu.edu/Groups/xavier/www .	✓
	94	"1771 Control Coprocessor"; Allen-Bradley; December 1994. <i>dup</i>	✓
	95	TAYLOR, Ken and James TREVELYAN; "A Telerobot on the World Wide Web"; Proceedings of the 1995 National Conference of the Australian Robot Association.	✓
	96	TAYLOR, Ken and James TREVELYAN; "Australia's Telerobot on the Web"; 26th Internation Symposium on Industrial Robots; 1995.	✓
	97	"WWWF'94: Information Form"; web page from http://archive.ncsa.uiuc.edu/SDG/IT94/Agenda/Info_form.html .	✓
↓	98	"Mercury Project"; web page from http://www.usc.edu/dept/raiders .	✓

Examiner
Signature

V. Vw

Date
Considered

2-4-05

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vv	99	PUTNAM, Fredrick; "LABTECHnet Visualization of a Weather Front".	✓
vv	3	STRAUSS, Richard; LABECH memo and other documents.	✓
vv	4	"LABTECHnet Frequently Asked Questions".	✓
vv	5	PUTNAM, Fredrick; "LABTECH News: Another superlative PR article"; email.	✓
vv	6	PUTNAM, Fredrick; "Public-domain IPC scheme moves Windows data 1000 times faster than DDE"; Personal Engineer and Instrumentation News.	✓
vv	7	"Installing and Using LABTECHnet".	✓

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Sheet 1 of 3

Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT		Docket No: 109087-0002P2	Serial No. Not Yet Assigned 09/436,368
		Applicant: Kenneth C. Crater et al.	PTO 108/99 11/08/99
		Filed: November 8, 1999	Group Not Yet Assigned 2154

U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
✓✓	5,664,101	09/02/97	Picache	395	200.8	12/22/93
✓✓	5,737,529	04/07/98	Dolin, Jr. et al.	395	200.18	04/12/96
✓✓	5,490,276	02/06/96	Doli, Jr. et al.	395	700	03/01/95
✓✓	5,297,143	03/22/94	Fridrich et al.	370	85.3	12/03/90
✓✓	4,918,690	04/17/90	Markkula, Jr. et al.	370	94	11/10/87
✓✓	5,151,978	09/29/92	Bronikowski et al.	395	200	03/22/90
✓✓	5,245,704	09/14/93	Weber et al.	395	200	03/22/90
✓✓	5,131,092	07/14/92	Sackmann et al.	395	800	09/01/89
✓✓	4,897,777	01/30/90	Janke et al.	364	134	04/11/88
✓✓	5,159,673	10/27/92	Sackmann et al.	395	325	03/11/92
✓✓	5,251,302	10/05/93	Weigl et al.	395	250	12/26/91

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		Date	Country	Class	Subcl.	Filed
✓✓	0411869A2	06/02/91	Europe			30/07/90
✓✓	WO97/18636	22/05/97	PCT			13/11/96

OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

✓✓		Slater, "Controlled by the Web," Computer Networks and ISDN Systems 27 (1994)
✓✓		Goldberg et al., "Beyond the Web: Manipulating the Real World," Computer Networks and ISDN Systems 28 (1995)
✓✓		Soreide et al., "Mosaic Access to Real-Time Data from the TOGA-TAO Array of Moored Buoys," Computer Networks and ISDN Systems 28 (1995)

Examiner:	✓✓	Date Considered:	2-4-05
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STATEMENT		Filed: November 8, 1999		Group Not Yet Assigned		

U. S. Patent Documents

Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
vv		4,992,926	02/12/91	Janke et al.	364	134	10/17/88
vv		4,969,083	11/06/90	Gates	364	147	04/04/88
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vv		5,625,781	04/29/97	Cline et al.	395	335	10/31/95
vv		5,623,652	04/22/97	Vora et al.	395	610	07/25/94
vv		5,072,412	12/10/91	Henderson, Jr. et al.	395	159	03/25/87
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vv		5,613,115	03/18/97	Gihl et al.	395	701	12/09/91
vv		4,319,338	03/09/82	Grudowski et al.	364	900	12/12/79
vv		5,398,336	03/14/95	Tantry et al.	395	600	07/16/93

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vv			Taylor et al., "A Telerobot on the World Wide Web," Nat. Conf. of Australian Robot Ass'n (1995)				
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT		Docket No: 109087-0002P2		Serial No. Not Yet Assigned	
		Applicant: Kenneth C. Crater et al.			
		Filed: November 8, 1999		Group Not Yet Assigned	

U. S. Patent Documents

Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
✓✓		5,307,463	04/26/94	Hyatt et al.	395	275	12/07/92
✓✓		5,157,595	10/20/92	Lovrenich	364	136	03/08/91
✓✓		5,420,977	05/30/95	Sztipanovits	395	160	10/12/93
✓✓		5,225,974	07/06/93	Mathews et al.	364	140	10/30/90
✓✓		4,937,777	06/26/90	Flood et al.	364	900	10/07/87
✓✓		5,012,402	04/30/91	Akiyama	364	192	12/16/88
✓✓		4,953,074	08/28/90	Kametani et al.	364	132	07/06/88
✓✓		5,406,473	04/11/95	Yoshikura et al.	364	140	07/21/93
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Examiner:	✓ ✓	Date Considered:	2-4-05
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**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY APPLICANT**

PTO-1449

/107493.1



Attorney Docket No.: 401 W 185 (CTC-2)
Appln. No.: 09/436,368
Applicant: Kenneth C. Crater and Craig Goldman
Filing Date: November 9, 1999
Art Unit: 2711 Examiner: J. Miller

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Examiner: V. Vu Date _____
Considered: 2-4-05

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Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT			Docket No: 109087-0002P2		Serial No. 09/436,368		
			Applicant: Kenneth C. Crater et al.				
			Filed: November 8, 1999		Group 2711 2154		
U. S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
							
Foreign Patent Documents							
		Date	Country	Class	Subcl.	Filed	
vv	7325778A	12/12/95	Japan			1/6/94	
OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)							
vv		Momal, et al., "Using World-Wide Web for Control Systems," International Conference on Accelerator and Large Experimental Physics Control Systems, 1995					
Examiner: ✓. ✓n				Date Considered: 2-4-05			
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